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ATTORNEY DOCKET NO.: 06478.1457
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Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

New U.S. Patent Application

Title: **MUTANTS OF THE FACTOR VII-ACTIVATING PROTEASE AND
DETECTION METHOD USING SPECIFIC ANTIBODIES**

Inventors: 1. Juergen ROEMISCH;
2. Hans-Arnold STOEHR;
3. Annette FEUSSNER;
4. Wiegand LANG;
5. Thomas WEIMER;
6. Margret BECKER;
7. Claudia NERLICH; and
8. Gudrun MUTH-NAUMANN.

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application (including sequence listing) - 38 pages, including 5 independent claims and 44 claims total.
2. Certified copy of German Application No. 100 36 641.4, filed July 26, 2000.
3. Certified copy of German Application No. 100 50 040.4, filed October 10, 2000.

Assistant Commissioner of Patents

July 26, 2001

Page 2

4. Certified copy of German Application No. 100 52 319.6, filed October 21, 2000.
5. Certified copy of German Application No. 101 18 706.8, filed April 12, 2001.
6. Information Disclosure Statement and Information Disclosure Citation, PTO 1449 with 12 documents attached.
7. Preliminary Amendment.
8. Copy of receipt in the case of an original deposit of a microorganism and copy of viability statement for (1) Accession number DSM ACC 2453 and for (2) Accession number DSM ACC 2454 and English-language translations thereof (total of 8 sheets)
9. The filing fee is calculated as follows:

| | | | | | | |
|--|------------------|---|-------|--------------|----------------------------------|------------|
| | | | | | \$710 | \$ 710.00 |
| Basic Application Filing Fee | Number of Claims | | Basic | Extra Claims | | |
| Total Claims | 44 | - | 20 | 24 | x \$18 | 432.00 |
| Independent Claims | 5 | - | 3 | 2 | x \$80 | 160.00 |
| [X] Presentation of Multiple Dep. Claim(s) | | | | | +\$270 | 270.00 |
| | | | | | Subtotal | \$ 1572.00 |
| | | | | | Reduction by 1/2 if small entity | - |
| | | | | | TOTAL APPLICATION FILING FEE | \$ 1572.00 |

10. A check for \$1572.00 is enclosed. The fee includes:

\$710.00 filing fee; and
\$862.00 additional claims fee.

Applicants claim the right to priority based on German Application No. 100 36 641.4, filed July 26, 2000, German Application No. 100 50 040.4, filed October 10, 2000, German Application No. 100 52 319.6, filed October 21, 2000, and German Application No. 101 18 706.8, filed April 12, 2001.

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July 26, 2001

Page 3

This application is being filed under the provisions of 37 C.F.R. § 1.53(f).
Applicants await notification from the Patent and Trademark Office of the time set for
filing the Declaration.

Please address all correspondence with respect to this application to:


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Please accord this application a serial number and filing date.

The Commissioner is hereby authorized to charge any additional filing fees due
and any other fees due under 37 C.F.R. § 1.16 or § 1.17 during the pendency of this
application to our Deposit Account No. 06-0916.

Respectfully submitted,
FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By:


Ernest F. Chapman
Reg. No. 25,961

EFC/FPD/peg
Enclosures